

Amendments to the Claims:

A listing of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently amended) A scrolling colour projection system comprising
a lamp~~(4)~~ with a pulsed drive current~~(20)~~, and
a colour scanner~~(6, 8a, 8b, 8c, 9)~~ for generating a light beam~~(5b)~~ with
a plurality of scrolling colour fields,
said light beam being arranged to illuminate a display device~~(3)~~ to
produce a projection of an image generated by the display device,
~~characterized in that~~ wherein a filtering element~~(31; 41)~~ is arranged in
the light path between the lamp and the projected image, the transmission of said
filtering element~~(31; 41)~~ being synchronized with the lamp current so as to cancel an
intensity peak in the lamp flux.
2. (Currently amended) A The scrolling colour projection system ~~as claimed in of~~
claim 1, ~~further comprising~~ including a synchronization unit~~(33; 43)~~ for synchronizing
said filtering element~~(31; 41)~~ with the lamp~~(4)~~.
3. (Currently amended) A The scrolling colour projection system ~~as claimed in of~~
claim 1, ~~comprising~~ including a projecting lens~~(11)~~ for projecting said image, wherein
said filtering element is arranged behind said projecting lens~~(11)~~.
4. (Currently amended) A The scrolling colour projection system ~~as claimed in of~~
claim 1, wherein said filtering element precedes said colour scanner~~(6, 8a, 8b, 8c,~~
~~9)~~.

5. (Currently amended) A-The scrolling colour projection system as ~~claimed in of~~ claim 1, wherein said filtering element is a liquid crystal-~~(LG)~~ cell-~~(31)~~.

6. (Currently amended) A-The scrolling colour projection system as ~~claimed in of~~ claim 1, wherein said filtering element is a rotating disc-~~(41)~~ having a field-~~(42)~~ with reduced transmission.

7. (Currently amended) A-The scrolling colour projection system as ~~claimed in of~~ claim 6, said disc-~~(41)~~ being transparent except for at least one sector-shaped field ~~(42)~~.